

EXHAUST GAS PURIFYING APPARATUS FOR
INTERNAL COMBUSTION ENGINE

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ABSTRACT OF THE DISCLOSURE

10 An exhaust gas purifying apparatus for an internal
combustion engine, wherein the efficiency of exhaust gas
purification is enhanced by optimally controlling the
operating condition of a plasma generator mounted in an
exhaust passage in accordance with the exhaust gas
atmosphere. The exhaust gas purifying apparatus includes
15 a detection unit for detecting exhaust water content and
exhaust temperature; and a control unit for controlling
at least one of two factors, frequency or voltage of an
AC voltage used to operate the plasma generator mounted
in the exhaust passage, in accordance with the detected
20 exhaust water content and exhaust temperature.